

MD 151 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROPOSED VIDEO DETECTION CAMERA

a,b,c,d

VIDEO ZONE DETECTION

a

VIDEO ZONE DETECTION

c

EXISTING VIDEO DETECTION CAMERA TO BE REMOVED

c

EXISTING SIGNALS

1,2,5,6
12"

3,4,7,8-14
12"

15,17
12"

16,18
16" LED
COUNTDOWN
PEDESTRIAN
SIGNAL

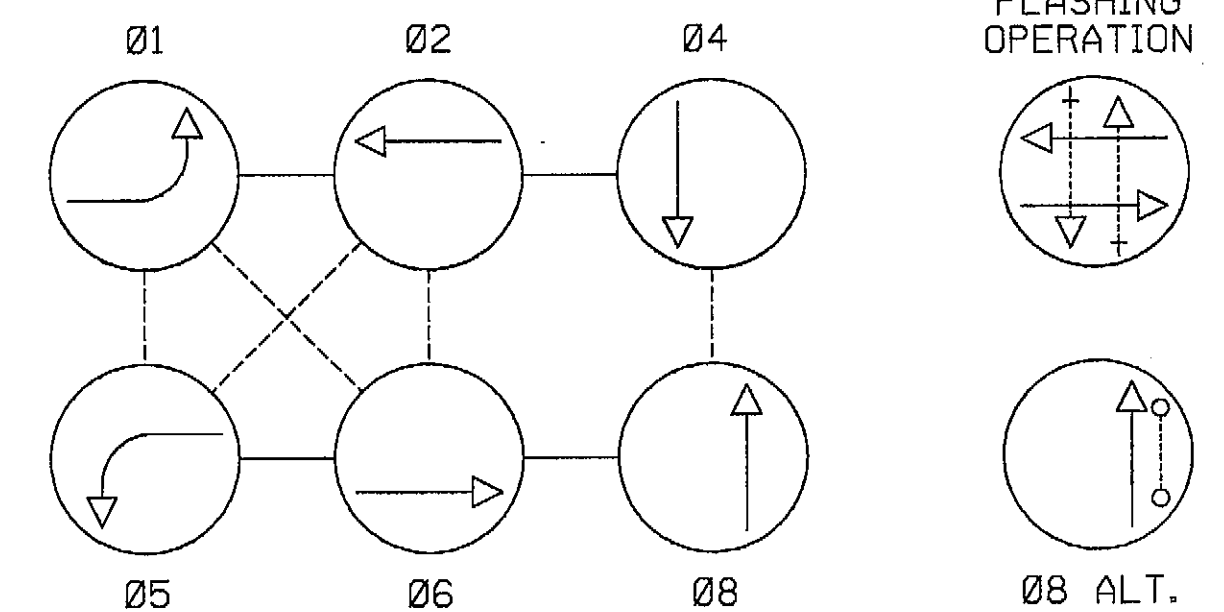
EXISTING SIGNS

19,20
Baltimore Street

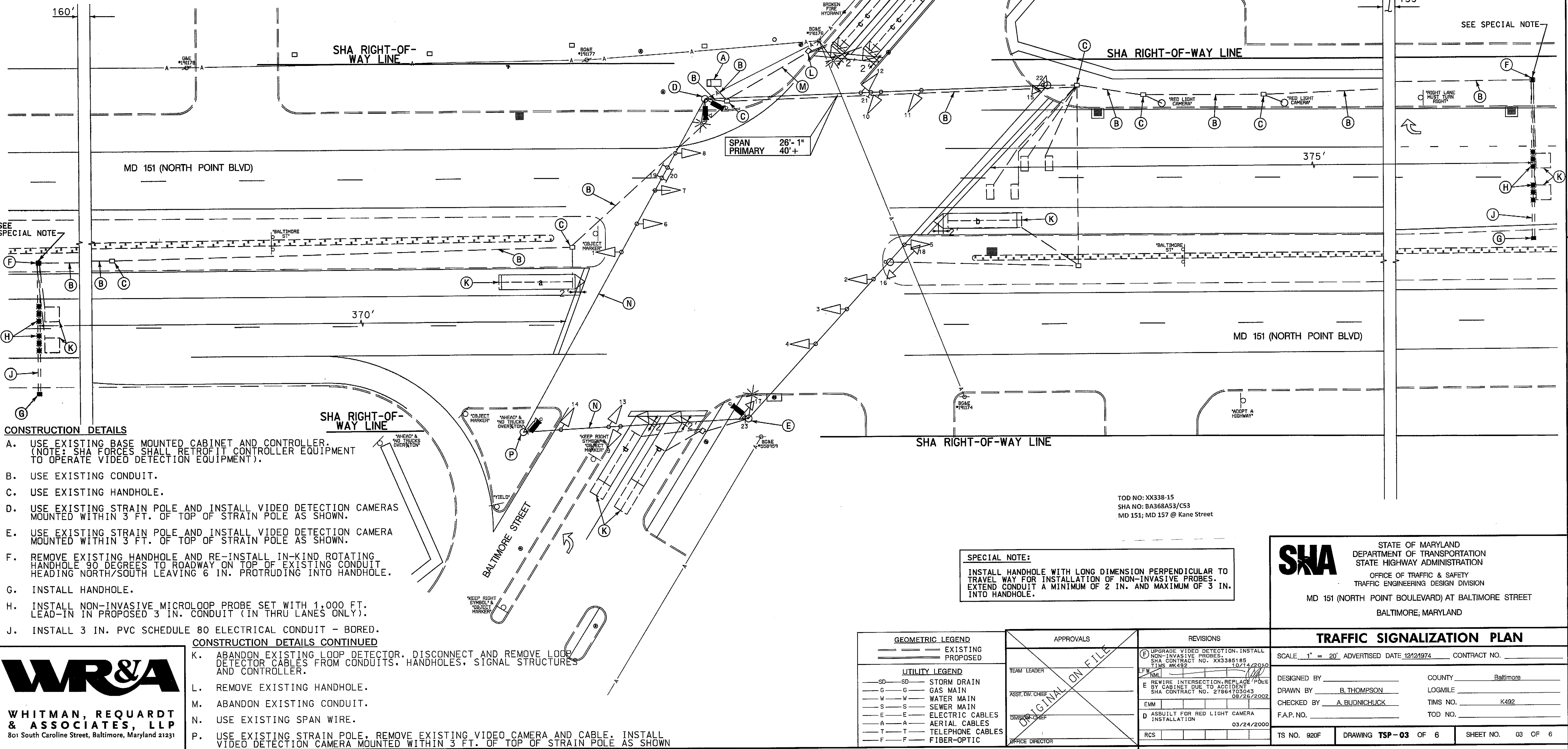
21
ONLY

22,23
PUSH BUTTON
TO CROSS
NORTH POINT BLVD
STAY GREEN
WAITING FOR
TURNING CAR
TO GO
DON'T GO
IF RED LIGHT
IS FLASHING
PEDESTRIANS
SHOULD NOT
CROSS

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- USE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERAS MOUNTED WITHIN 3 FT. OF TOP OF STRAIN POLE AS SHOWN.
- USE EXISTING STRAIN POLE AND INSTALL VIDEO DETECTION CAMERA MOUNTED WITHIN 3 FT. OF TOP OF STRAIN POLE AS SHOWN.
- REMOVE EXISTING HANDHOLE AND RE-INSTALL IN-KIND ROTATING HANDHOLE 90 DEGREES TO ROADWAY ON TOP OF EXISTING CONDUIT HEADING NORTH/SOUTH LEAVING 6 IN. PROTRUDING INTO HANDHOLE.
- INSTALL HANDHOLE.
- INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT (IN THRU LANES ONLY).
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.

CONSTRUCTION DETAILS CONTINUED

- ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- REMOVE EXISTING HANDHOLE.
- ABANDON EXISTING CONDUIT.
- USE EXISTING SPAN WIRE.
- USE EXISTING STRAIN POLE, REMOVE EXISTING VIDEO CAMERA AND CABLE. INSTALL VIDEO DETECTION CAMERA MOUNTED WITHIN 3 FT. OF TOP OF STRAIN POLE AS SHOWN

WR&A
WHITMAN, REQUARDT
& ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231

SPECIAL NOTE:

INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND MAXIMUM OF 3 IN. INTO HANDHOLE.

TOD NO: XX338-15
SHA NO: BA368A53/C53
MD 151; MD 157 @ Kane Street

GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
SD	STORM DRAIN
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
T	TELEPHONE CABLES
F	FIBER-OPTIC

APPROVALS	
TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
①	UPGRADE VIDEO DETECTION. INSTALL NON-INVASIVE PROBES. SHA CONTRACT NO. XX3385185 TMS 3K492 10/24/2010
②	REWIRE INTERSECTION. REPLACE PDE BY CABINET DUE TO ACCIDENT SHA CONTRACT NO. 27864703043 08/26/2002
③	ASBUILT FOR RED LIGHT CAMERA INSTALLATION 03/24/2000
RCS	

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 151 (NORTH POINT BOULEVARD) AT BALTIMORE STREET BALTIMORE, MARYLAND	
TRAFFIC SIGNALIZATION PLAN	
SCALE: 1" = 20'. ADVERTISED DATE: 12/12/1974. CONTRACT NO. _____	
DESIGNED BY: _____	COUNTY: Baltimore
DRAWN BY: B. THOMPSON	LOGMILE: _____
CHECKED BY: A. BUDNICHUCK	TMS NO. K492
F.A.P. NO. _____	TOD NO. _____
TS NO. 920F	DRAWING TSP-03 OF 6
SHEET NO. 03 OF 6	

PLOTTED: 10-14-2010
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